

CLAIM AMENDMENTS

Claim 1. (Currently Amended)

A starter of single-phase induction motor having main winding and auxiliary winding energized by alternating current power source, comprising:

a casing,

a positive characteristic thermistor connected in series to the auxiliary winding,

an auxiliary positive characteristic thermistor connected parallel to the positive characteristic thermistor and a snap action bimetal,

~~a~~ the snap action bimetal connected in series to a series circuit of auxiliary winding and positive characteristic thermistor for sensing the heat from the auxiliary positive characteristic thermistor and turning off when reaching a set temperature, and

an enclosed compartment accommodated in the casing, for enclosing the snap action bimetal and auxiliary positive characteristic thermistor.

Claim 2. (Currently Amended)

A starter of single-phase induction motor having main winding and auxiliary winding energized by alternating current power source, comprising:

a casing,

a positive characteristic thermistor connected in series to the auxiliary winding,

an auxiliary positive characteristic thermistor connected parallel to the positive characteristic thermistor and a snap action bimetal,

the snap action bimetal connected in series to a series circuit of auxiliary winding and positive characteristic thermistor for sensing the heat from the auxiliary positive characteristic thermistor and turning off when reaching a set temperature, and

an enclosed compartment accommodated in the casing, for enclosing the snap action bimetal and auxiliary positive characteristic thermistor;

~~The starter of single-phase induction motor of claim 1,~~ wherein the snap action bimetal is composed of a movable contact plate for oscillating a movable contact point, a bimetal, and a plate spring of semicircular section interposed between first support point of the movable contact plate and second support point of the bimetal,

~~the movable contact plate is forced so as to cause the~~

~~plate spring to push the movable contact point to the fixed contact point side when the second support point is shifted to the leading end position side at low temperature of the bimetal, than the line segment linking the support point of the movable contact plate and the first support point, and — the movable contact plate is forced so as to cause the plate spring to depart the movable contact point from the fixed contact point side when the second support point is shifted to the leading end position side at high temperature of the bimetal, than the line segment linking the support point of the movable contact plate and the first support point.~~

Claim 3. (Original)

The starter of single-phase induction motor of claim 1, wherein the snap action bimetal is a bimetal processed by drawing.

Claim 4. (Original)

The starter of single-phase induction motor of claim 1, wherein the snap action bimetal is a bimetal processed by forming in a circular form in the center.

Claims 5-26 (Canceled)